

On the Interaction of Copper Chloride With Monoethanolamine SOV/78-4-2-17/40

in alcoholic solutions the compound $\text{Cu}(\text{CH}_2\text{OHCH}_2\text{NH}_2)_3\text{Cl}_2$ is formed. This compound crystallizes in green crystals whose melting point is 108° , it is soluble in water and alcohol, and slightly soluble in acetone. Upon addition of a concentrated alcoholic solution of $(\text{CH}_2\text{OHCH}_2\text{NH}_2)_2\text{CuCl}_4$ to the equivalent amount of $\text{Cu}(\text{CH}_2\text{OHCH}_2\text{NH}_2)_4\text{Cl}_2$ the compound $\text{Cu}(\text{CH}_2\text{OHCH}_2\text{NH}_2)_4 \cdot \text{CuCl}_4 \cdot 1/2 \text{C}_2\text{H}_5\text{OH}$ is formed. This compound forms light green crystals, is easily soluble in water, slightly soluble in alcohol, and insoluble in acetone. Upon drying these crystals at $70-80^\circ$ the compound $\text{Cu}(\text{CH}_2\text{OHCH}_2\text{NH}_2)_4\text{CuCl}_4$ is formed. Detailed directions for the preparation of all these compounds and the synthesis of these compounds are given. Copper was determined by the iodometrical method, chlorine by the method according to Volhard, and nitrogen by the micromethod. There are 7 references, 1 of which is Soviet.

ASSOCIATION: Kiyevskiy politekhnicheskiy institut (Kiyev Polytechnic Institute)
SUBMITTED: December 6, 1957
Card 2/2

5(4)

AUTHORS: Ayzikov, E. I., Udovenko, V. V.

SOV/78-4-2-18/40

TITLE: The Interaction of Anabasine With Thiocyanates of the Iron Subgroup (Vzaimodeystviye anabazina s rodanistymi solyami podgruppy zheleza)

PERIODICAL: Zhurnal neorganicheskoy khimii, 1959, Vol 4, Nr 2, pp 356-358 (USSR)

ABSTRACT: The interaction of thiocyanates of the iron subgroup with anabasine in the presence of thiocyanic acid was investigated. Compounds of nickel, cobalt, and iron with the composition $\text{Me}(\text{CNS})_2 \cdot 2\text{C}_{10}\text{H}_{14}\text{N}_2 \cdot 2\text{HCNS}$ were produced by using the Burkat method. The cobalt compound crystallizes with 4 molecules water unlike the respective compounds of nickel and iron. The syntheses of these compounds are described in detail. All compounds formed are soluble in water; iron salt shows the best solubility, nickel salt the least. The aqueous solutions of iron salt are dark green, those of cobalt salt pink, and those of nickel salt light green. The molecular electric conductivity and the pH value were determined in solutions of

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The Interaction of Anabasine With Thiocyanates of the Iron Subgroup

various concentrations. The results are shown in table 1. The results show that all the compounds obtained dissociate incompletely in aqueous solutions. The formation of the combination-type $Me(CNS)_2 \cdot 2Bas \cdot 2HCNS$ (Bas-organic base) with metals of the iron subgroup does not depend on the basicity of the organic base. There are 1 table and 6 references, 4 of which are Soviet.

ASSOCIATION: Kiyevskiy politekhnicheskii institut (Kiyev Polytechnic Institute)

SUBMITTED: December 6, 1957

Card 2/2

UDOVENKO, V.V.; ALEKSANDROVA, L.P. (Kiev)

Vapor pressure of three-component systems. Part 3: The system formic acid - 1,2-dichloroethane - water. Zhur. fiz.khim. 34 no.6:1366-1372 Je '60. (MIRA 13:7)

1. Kiyevskiy politekhnicheskii institut.
(Formic acid) (Ethane) (Vapor pressure)

UDOVENKO, V.V.; FIALKOV, Yu.Ya.

Hexachlorogermanates of alkali metals. Zhur.neorg.khim.
5 no.7:1502-1504 J1 '60. (MIRA 13:7)

1. Kiyevskiy politekhnicheskiy institut.
(Alkali metal germanates)

UDOVENKO, V.V.; GRANITOVA, O.I.

Reaction of anabasine with copper chloride and copper bromide.
Uzb.khim.zhur. no.4:36-41 '61. (MIRA 14:8)

1. Tashkentskiy gosudarstvennyy universitet imeni V.I.Lenina i
Kiyevskiy politekhnicheskii institut.
(Anabasine) (Copper chloride) (Copper bromide)

UDOVENKO, V.V.; TOPORNINA, K.P.

Physicochemical study of systems including diphenylamine. Part 2.
Zhur. ob. khim. 31 no.1:3-8 Ja '61. (MIRA 14:1)

1. Kiyevskiy politekhnicheskii institut i Sredneaziatskiy gosudar-
stvennyy universitet. (Diphenylamine) (Systems (Chemistry))

UDOVENKO, V.V.; YEVREYEV, V.N.

Halogeno and thiocyanato cobalt (II) complexes with monoethanolamine.
Izv.vys.ucheb.zav.;khim,i khim.tekh. 6 no.1:8-10 '63. (MIRA 16:6)

1. Kiyevskiy politekhnicheskiy institut, kafedra obshchey i
neorganicheskoy khimii.

(Cobalt compounds) (Ethanol)

UDOVENKO, V.V.; YEVREYEV, V.N.

Reaction of monoethanolamine with cobalt (III) hydroxide. *Izv.vys.-
ucheb.zav.;khim.i khim.tekh.* 6 no.1:11-14 '63. (MIRA 16:6)

1. Kiyevskiy politekhnicheskoy institut, kafedra obshchey i
neorganicheskoy khimii.

(Cobalt compounds) (Ethanol)

UDOVENKO, V.V.; YEVREYEV, V.N.

Complex compounds of cobalt (III) with monoethanolamine. Part 1.
Izv.vys.ucheb.zav.;khim. i khim.tekh. 6 no.2:179-182 '63.
(MIRA 16:9)

1. Kiyevskiy politekhnicheskii institut, kafedra obshchey i
neorganicheskoy khimii.
(Cobalt compounds) (Ethanol)

UDOVENKO, V.V.; YEVREYEV, V.N.

Complex compounds of cobalt (III) with monoethanolamine. *Izv.-
vys.ucheb.zav.;khim. i khim.tekh.* 6 no.2:183-188 '63. (MIRA 16:9)

1. Kiyevskiy politekhnicheskii institut, kafedra obshchey i
neorganicheskoy khimii.

(Cobalt compounds) (Ethanol)

UDOVENKO, V.V.; DUCHINSKIY, Yu.S.

Halogen complexes of nickel with monothanolamine. *Izv. vya.
ucheb. zav.; khim. i khim. tekhn. 6 no.3:361-363 '63.* (MIRA 16:8)

1. Kiyevskiy politekhnicheskoy institut, kafedra obshchey i
neorganicheskoy khimii.
(Nickel compounds) (Ethanol)

UDOVENKO, V.V.; ZOTOV, V.I.

Interaction of mercury (II) halides with monoethanolamine halohydrates.
Izv.vys.ucheb.zav.;khim.i khim.tekh. 6 no.4:543-545 '63.(MIRA 17:2)

1. Kiyevskiy politekhnicheskii institut .Kafedra obshchey i neorganicheskoy khimii.

UDOVENKO, V.V.; ALEKSANDROVA, L.P.

Vapor pressure of three-component systems. Part 4. Zhur.fiz.khim.
37 no.1:52-56 Ja '63. (MIRA 17:3)

1. Kiyevskiy politekhnicheskii institut.

UDOVENKO, V.V.; MAZANKO, T.F.

Mutual solubility in the system isovaleric acid-water-isobutyl alcohol. Zhur.fiz.khim. 37 no.2:439-443 F '63. (MIRA 16:5)

1. Kiyevskiy politekhnicheskij institut. (Solubility)
(Isovaleric acid) (Isobutyl alcohol)

UDOVENKO, V.V.; MAZANKO, T.F.

Mutual solubility in the system propyl alcohol - benzene - water.
Zhur. fiz. khim. 37 no.5:1151-1153 My '63. (MIRA 17:1)

1. Kiyevskiy politekhnicheskii institut.

UDOVENKO, V.V.; MAZANKO, T.F.

Mutual solubility in the system methanol-benzene-water. Zhur.fiz.khim.
37 no.10:2324-2327 0 '63. (MIRA 17:2)

1. Kiyevskiy politekhnicheskii institut.

UDOVENKO, V.V.; MAZANKO, T.F.

Mutual solubility in the system isopropyl alcohol-benzene-water.
Zhur. fiz. khim. 38 no.12:2984-2988 D '64.

(MIRA 18:2)

1. Kiyevskiy politekhnicheskii inatitut.

UDOVENKO, V.V.; SHERSTOBOYEVA, M.A.

Complex compounds of cupric chloride with monoethanolamine. Ukr.
khim. zhur. 31 no.1:23-26 '65. (MIRA 18:5)

1. Kiyevskiy politekhnicheskii institut.

SOKOLOV, N.I.; ANDRIANOVA, K.I., red.; BELOV, A.I., red.; DMITRIYEV, B.V., red.; LOZA, G.M., red.; UDOVENKO, Ye.Ya., red.; TSYPKIN, G.I., red.

[Problems in the economy and organization of production on state farms in Kazakhstan] Voprosy ekonomiki i organizatsii sel'skokhoziaistvennogo proizvodstva v sovkhozakh Kazakhstana. Alma-Ata, 1958. 200 p. (MIRA 12:2)

1. Kazakh S.S.R. Upravleniye sel'skokhozyaystvennoy nauki i propagandy.
2. Nachal'nik planovo-ekonomicheskogo upravleniye Ministerstva sel'skogo khozyaystva Kazakhskoy SSR (for Sokolov).
3. Direktor Kazakhskogo nauchno-issledovatel'skogo instituta ekonomiki sel'skogo khozyaystva (for Belov).
(Kazakhstan--State farms)

BAKULIN, I.I., starshiy nauchnyy sotrudnik; BOGACHIK, I.A., starshiy nauchnyy sotrudnik; KNYAZEV, N.K., starshiy nauchnyy sotrudnik; MASHKEVICH, N.G., starshiy nauchnyy sotrudnik; PIS'MENNYI, I.G., starshiy nauchnyy sotrudnik; UDOVENKO, Ye.Ye., starshiy nauchnyy sotrudnik.

Specialization of farms for securing the supply of fresh milk to the population of large cities. Zhivotnovodstvo '23 no.7:16-23 JI '61. (MIRA 16:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut ekonomiki sel'skogo khozyaystva.
(Dairying)

PENTYUK, M.V., kand. sel'khoz. nauk; UDQVENKO, Ye.Ya., otv. red.;
KNYAZEV, N.K., red.; TASHCHEV, Ye.N., red.; SVYADOSTS, Yu.I.,
red.; SMIRNOV, N.A., red.

[Problems in increasing the number of sheep and the production
of mutton] Voprosy uvelichenia pogolov'ia ovets i proizvodstva
baraniny. Moskva, Vses. nauchno-issl. in-t ekonomiki sel'.
khoz., 1962. 93 p. (MIRA 15:11)

(Sheep)

BASYAYEVA, T.F.; KIZ'MITSKAYA, V.I.; UDOVENKO, Z.N.

Analysis of the maps of high-level baric topography (50-10 mb).
Trudy TSIP no.137:101-122 '64. (MIRA 17:9)

UDOVENYA, V.; KUPRIYANOV, V.

Movable machine for pressing rear axle housings in or out. Avt.
transp. 32 no.3:25-26 Mr '54. (MLRA 7:8)
(Power presses) (Automobiles--Repairing)

UDOVICHENKO, Anatolii Matveyevich; VOROTSKAYA, Z.A., otv. red.;
SVERDLOVA, I.S., red.; MARKOVH, K.G., tekhn. red.

[Principles of radio communication and wire broadcasting
techniques] Osnovy tekhniki provodnoi i radiosvazi. Moskva,
Sviaz'izdat, 1962. 366 p. (MIRA 16:2)
(Wire broadcasting) (Radio)

IBRAGIMOV, V.Kh.; UDOVICHENKO, A.S.

Treatment of alcoholism with nicotinic acid (vitamin PP).
Zdrav.Kazakh. 22 no.3:30-33 '62. (MIRA 15112)

1. Iz Aktyubinskoy oblastnoy psikhonevrologicheskoy bol'nitsy
(glavnyy vrach - K.N.Kaldybayev).
(ALCOHOLISM) (NICOTINIC ACID)

UDOVICHENKO, B.A.

AID P - 1216

Subject : USSR/Electricity

Card 1/1 . Pub. 27 - 11/34

Authors : Gal'pern, M. L., Eng., Udovichenko, B. A., Kand. of Tech. Sci., and Voyevodin, K. N., Eng., Tashkent

Title : Application of flat metallic supporting structures

Periodical : Elektrichestvo, 12, 57-61, D 1954

Abstract : The authors consider as advisable the use of such structures for 35-kv transmission lines. They develop a method of determining additional forces in unbroken conductors at symmetrical and asymmetrical breaks. They examine the performance of the transmission line when a wind is directed along the line. 11 photographs, drawings and diagrams. Four Russian references (1, 1928; 3, 1947-1952).

Institution : None

Submitted : J1 17, 1954

KLEVTSOVA, A.A.; KUTUKOV, A.V.; UDOVICHENKO, E.M.

Stratigraphy and oil potential of Pre-Middle Devonian sediments
in Perm Province and the Udmurt A.S.S.R. Izv. vys. ucheb.
zav.; geol. i razv. 8 no.9:21-27 S '65. (MIRA 18:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologorazvedochnyy
neftyanoy institut.

UDOVICHENKO, G. (g.Minsk); KREMER, A. (g.Minsk)

Train and trust. Kryl.rod. 11 no.11:17 II '60.

(MIRA 13:10)

1. Nachal'nik TSentral'nogo aerokluba Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu Belorusskoy SSR (for Udovichenko).
2. Predsedatel'soveťa Belorusskogo TSentral'nogo aerokluba (g.Minsk) (for Kremer).

(Minsk--Gliding and soaring)

UDOVICHENKO, G.S.

VISHNEVSKAYA, S.M.; ~~UDOVICHENKO, G.S.~~; BIRUKOVA, K.V.; GERGIL'SKIY, V.L.;
MUKYOZ, L.G.; RUBN'TSKAYA, N.B.; KOMNIYENKO, Ye.I.; GUREVICH, Ye.N.;
PISARENKO, Ye.I.; GHILLER, I.Yu.; LOI, T.D.; SHEVCHUK, M.K.;
KHALIBOVA, Ye.K.

Epidemiology and prevention of helminth infections in the region of
construction of the Kakhovka hydroelectric project and the South
Ukrainian Canal. Med. paraz. i paraz. bol. no.3:244-248 J1-8 '54.
(MLRA 8:2)

1. Iz gel'mintologicheskogo otdela Ukrainskogo nauchno-issledovatel'-
skogo instituta malyarii i meditsinskoy parazitologii imeni prof.
Rubashkina (dir. instituta I.A.Demchenko, zav. otdelom prof. Ye.S.
Shul'man), iz epidemiologicheskogo otdela Kiyevskogo instituta
epidemiologii i mikrobiologii (dir. instituta S.N.Terekhov, zav.
otdelom otsent Yu.Ye.Birkovskiy), iz kafedry biologii i parazitologii
Dnepropetrovskogo meditsinskogo instituta (zav. kafedroy dotsent V.L.
Gerbil'skiy), iz Zaporozhskoy oblastnoy protivomalyariynoy stantsii
(zav. stantsiyey I.P.Agafonov), iz Dnepropetrovskoy oblastnoy protivomalyariynoy stantsii (zav. stantsiyey M.K.Shevchuk, iz Nikolayevskoy oblastnoy protivomalyariynoy stantsii (zav. stantsiyey S.I.Ganyuni).
(HELMINTH INFECTIONS, prevention and control,
Russia, on construction of waterways)

PROCESSES AND PROPERTIES INDEX

21

Enrichment of crude anthracene in centrifuges. L. V. Udykhenko. *Coke & Chem.* (U. S. S. R.) 1935. No. 10, 60-1. Crude anthracene is enriched from 11.2 to 23.7% by boiling with an equal quantity of H₂O for 20 min., centrifuging for 10 min., washing with hot H₂O until the washings contain no more oils as shown by their transparency, and further drying in the centrifuge for 20 min. B. C. A.

ASB-SGA METALLURGICAL LITERATURE CLASSIFICATION

BC *B-1-2*

**Steam-distillation of tar. I. Y. UDOVICHENKO.
 (Koks i Chim., 1936, No. 2-3, 64-67).—Decomp. of
 volatile constituents of coal tar is least when superheated
 steam is passed during distillation. R. T.**

ASB 55.A METALLURGICAL LITERATURE CLASSIFICATION

CLASSIFICATION	55 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP AQ AR AS AT AU AV AW AX AY AZ BA BB BC BD BE BF BG BH BI BJ BK BL BM BN BO BP BQ BR BS BT BU BV BW BX BY BZ CA CB CC CD CE CF CG CH CI CJ CK CL CM CN CO CP CQ CR CS CT CU CV CW CX CY CZ DA DB DC DD DE DF DG DH DI DJ DK DL DM DN DO DP DQ DR DS DT DU DV DW DX DY DZ EA EB EC ED EE EF EG EH EI EJ EK EL EM EN EO EP EQ ER ES ET EU EV EW EX EY EZ FA FB FC FD FE FF FG FH FI FJ FK FL FM FN FO FP FQ FR FS FT FU FV FW FX FY FZ GA GB GC GD GE GF GG GH GI GJ GK GL GM GN GO GP GQ GR GS GT GU GV GW GX GY GZ HA HB HC HD HE HF HG HH HI HJ HK HL HM HN HO HP HQ HR HS HT HU HV HW HX HY HZ IA IB IC ID IE IF IG IH II IJ IK IL IM IN IO IP IQ IR IS IT IU IV IW IX IY IZ JA JB JC JD JE JF JG JH JI JJ JK JL JM JN JO JP JQ JR JS JT JU JV JW JX JY JZ KA KB KC KD KE KF KG KH KI KJ KK KL KM KN KO KP KQ KR KS KT KU KV KW KX KY KZ LA LB LC LD LE LF LG LH LI LJ LK LL LM LN LO LP LQ LR LS LT LU LV LW LX LY LZ MA MB MC MD ME MF MG MH MI MJ MK ML MM MN MO MP MQ MR MS MT MU MV MW MX MY MZ NA NB NC ND NE NF NG NH NI NJ NK NL NM NN NO NP NQ NR NS NT NU NV NW NX NY NZ OA OB OC OD OE OF OG OH OI OJ OK OL OM ON OO OP OQ OR OS OT OU OV OW OX OY OZ PA PB PC PD PE PF PG PH PI PJ PK PL PM PN PO PP PQ PR PS PT PU PV PW PX PY PZ QA QB QC QD QE QF QG QH QI QJ QK QL QM QN QO QP QQ QR QS QT QU QV QW QX QY QZ RA RB RC RD RE RF RG RH RI RJ RK RL RM RN RO RP RQ RR RS RT RU RV RW RX RY RZ SA SB SC SD SE SF SG SH SI SJ SK SL SM SN SO SP SQ SR SS ST SU SV SW SX SY SZ TA TB TC TD TE TF TG TH TI TJ TK TL TM TN TO TP TQ TR TS TT TU TV TW TX TY TZ UA UB UC UD UE UF UG UH UI UJ UK UL UM UN UO UP UQ UR US UT UU UV UW UX UY UZ VA VB VC VD VE VF VG VH VI VJ VK VL VM VN VO VP VQ VR VS VT VU VV VW VX VY VZ WA WB WC WD WE WF WG WH WI WJ WK WL WM WN WO WP WQ WR WS WT WU WV WW WX WY WZ XA XB XC XD XE XF XG XH XI XJ XK XL XM XN XO XP XQ XR XS XT XU XV XW XX XY XZ YA YB YC YD YE YF YG YH YI YJ YK YL YM YN YO YP YQ YR YS YT YU YV YW YX YZ ZA ZB ZC ZD ZE ZF ZG ZH ZI ZJ ZK ZL ZM ZN ZO ZP ZQ ZR ZS ZT ZU ZV ZW ZX ZY ZZ
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PROCESSES AND PROPERTIES INDEX

1ST AND 2ND ORDERS 1ST AND 4TH ORDERS

CP

AN APPARATUS FOR CONTINUOUS WASHING OF CARBOLIC OILS.
 I. V. Udovichenko. *Coke and Chem. (U. S. S. R.)*
 1939, No. 2, 37-8; *Khim. Referat. Zhur.*, 1939, No. 7,
 98. An injector-type mixer is used for the careful mixing
 of the oil with the reagent. The oil is introduced by
 means of a pump through a heater (for heating to 60°)
 into the narrow part of the injector under 0.6-0.7 atm.
 pressure. The reagent (a soln. of alkali) is carried away
 with the oil and is broken up into minute droplets. The
 amt. of the reagent is regulated by a special stopcock.
 The mixt. is passed through a diffuser to increase the time
 of contact of the oil with the reagent, and then to a
 separator. A detailed scheme of the app. and the sizes
 of the main parts are given. W. P. Henn

A 58-11A METALLURGICAL LITERATURE CLASSIFICATION

GROUPS # LETTERS

1ST AND 2ND ORDERS 1ST AND 4TH ORDERS

COMMON ELEMENTS COMMON TABLET NOTES

UDOVICHENKO, L.V.

Operation of mechanical clarifiers with reference to injection
charging of coke ovens with a finely ground mix. Koks i khim.
no.3:49-51 '56. (MLRA 9:8)

1. Giprokoks. (Coke industry--Equipment and supplies)

68-9-8/15

A New Technological Scheme of Operating an Ammonia-Lime Plant in Combination with Pyridine and Dephenolising Equipment.

increases. Washing out of phenols from ammonia vapours, passing into the pyridine recovery plant, decreases the losses of phenols and simplifies the treatment of pyridine bases in the phenol plant. The absence of aggressive salts in aqueous crude phenolates prevents the corrosion of the rectification column in the phenol plant. Preliminary pre-heating of ammonia liquor with indirect steam, before its delivery to the ammonia column, decreases requirements of direct steam. The salting out of pyridine bases with solid ammonia sulphate is proposed. This will decrease the temperature of condensation of pyridine bases and decrease their losses. The diagram of the plant proposed and some details of equipment are shown in Figs.1-3. A balance of phenols, according to data from 10 coke oven works, is compared with that of the proposed operating scheme in Table 1. There are 2 tables and 3 figures.

ASSOCIATION: Giprokoks.

AVAILABLE: Library of Congress.

Card 2/2

SICHENKO, V.K.; IVANOV, B.V.; POLYAKOV, I.I.; REZNIKOV, A.A.;
DORFMAN, G.A.; IZRAELIT, E.M.; NOTICH, A.G.; TOPYGIN,
L.A.; CHALYY, G.Ya.; STETSENKO, Ye.Ya.; UDOVICHENKO, L.V.;
FILIPPOV, B.S., nauchn. red.; LERNER, R.Z., nauchn. red.;
GOL'DIN, Ya.A., glav. red.; KULESHOV, M.M., red.; POLOTSK,
S.M., red.

[By-product coke industry] Koksokhimiicheskoe proizvodstvo.
Moskva, Metallurgiya, 1965. 167 p. (MIRA 18:7)

1. Tsentral'nyy nauchno-issledovatel'skiy institut in-
formatsii i tekhniko-ekonomicheskikh issledovaniy chernoy
metallurgii. 2. Direktor Tsentral'nogo nauchno-issledova-
tel'skogo instituta informatsii i tekhniko-ekonomicheskikh
issledovaniy chernoy metallurgii. (for Kuleshov).

PETLYAKOV, M.M., inzh.; SHAPOVALOV, A.P., inzh.; GUSAKOV, A.N., inzh.;
UDOVICHENKO, N.V., inzh.; BESPALOV, V.N., inzh.; KUZNETSOV, D.K., inzh.

Obtaining a flat sheet of transformer steel. Stal' 25 no.12:
1132-1134 D '65. (MIRA 18:12)

1. Novolipetskiy metallurgicheskiy zavod i Tsentral'nyy nauchno-
issledovatel'skiy institut chernoy metallurgii imeni I.P. Bardina.

UDOVICHENKO, N.Ya.

Possibility of estimating the blasting properties of explosives
from the degree of caking. Vop. bezop. v ugol'. shakh. 13:241-
249 '62. (MIRA 16:5)

(Explosives)

UDOVICHENKO, N.Ya.; DONYA, A.P.

Studying the detonation capacity of a hexogen mixture with
ammonium nitrate and other substances. Vzryv. delc no.52/9;
225-233 '63. (MIRA 17;12)

1. Makeyevskiy nauchno-issledovatel'skiy institut po bezopasnosti
truda v gornoy promyshlennosti.

UDOVICHENKO, V.

Studying the work of a railroad workshop. *Bul.nauch.inform.*
trud.i zar.plata 3 no.6:26-31 '60. (MIRA 13:6)
(Moscow--Railroads, Industrial)
(Time study)

UDOVICHENKO, V.

Branch conference of the workers of ferrous and nonferrous
metallurgy. Biul. nauch. inform.; trud i zar. plata 4 no.7:
50-53:61. (MIRA 14:8)
(Metal industries--Production standards)
(Wage payment systems)

UDOVICHENKO, V.

Current tasks in establishing technical standards in ferrous metallurgy.
Sots. trud 7 no.12:73-77 D '62. (MIRA 1642)
(Steel industry—Production standards)

L 15776-66 ARG/EWT(d)/FBD/FBO/EEQ(k)-2/EWP(c)/EWP(h)/FCS(k)/EWA(h)/FBA/ETC(m)-6

ACC NR: AN6006651 JKT/TT/NW SOURCE CODE: UR/9008/66/000/045/0003/0003

AUTHOR: Shichalin, A. (Lieutenant colonel); Udovichenko, Ye. (Lieutenant colonel)

ORG: none

TITLE: Underground launching

SOURCE: Krasnaya zvezda, no. 45, 1966, 3, col. 1-7

TOPIC TAGS: missile, strategic missile, missile site, missile complex, missile control center, missile firing, missile launching, hardened missile site, guided missile personnel

ABSTRACT: The article is a commentary on a visit to an underground strategic missile launch site. Very general descriptions of the command posts, electronic and other equipment, layout, personnel, functions, and missile-servicing techniques are given. A firing exercise involving the launching of one of the site's missiles is mentioned. Orig. art. has: 2 figures. [LB]

SUB CODE: 16/ SUBM DATE: none/ ATD PRESS: 4200

79
E

SOV/120-59-1-25/50

AUTHORS: Leont'yev, N. I., Udovichenko, Yu. K.

TITLE: An Omegatron (Omegatron)

PERIODICAL: Pribory i tekhnika eksperimenta, 1959, Nr 1, pp 101-105 (USSR)

ABSTRACT: This mass analyzer is designed for use at the lower mass numbers (up to about 45) and uses cyclotron resonance principles. The design is very similar to those of Refs 4 and 7. The basic dimensions and parameters are $r_0 = 0.8$ cm, $E_0 = 1$ V/cm, and $H = 3400$ oersted. The table shows that the resolution is not very high above mass number 22; an improvement can be had by reducing the applied voltage, but at the expense of a considerable loss of intensity. Figs 1 and 2 show the theoretical and actual systems used in the chamber (the accelerating voltage is provided by a standard oscillator and amplifier, and the high-frequency plates are 2 mm apart, and enclose 7 control plates. Fig 3 shows how the background current varies with pressure; Fig 4 shows how the resolving power and ion current vary with the control voltage (curves a and b respectively) for H_2^+ ; Fig 5 shows the same quantities as functions of high-frequency voltage. Fig 6 shows the residual gas spectrum; Fig 7 shows

Card 1/2

SOV/120-59-1-25/50

An Omegatron

the line shapes given by neon isotopes, and Fig 8 shows the resolving power (curve a , from experiment; curve b , from theory). In all cases the curves were taken with electron currents of 5-7 μA (the best working range). The paper contains 8 figures, 1 table and 7 English references.

SUBMITTED: January 29, 1958.

Card 2/2

S/120/60/000/005/023/051
E032/E514

AUTHORS: Leont'yev, N.I., Udovichenko, Yu.K. and Maksimov, M.Z.

TITLE: An Omegatron with a Nonuniform Magnetic Field

PERIODICAL: Pribory i tekhnika eksperimenta, 1960, No.5, pp.97-99

TEXT: Brubacker and Perkins (Ref.3) have shown that an omegatron can work in a nonuniform magnetic field. The present paper investigates the resolving power of an omegatron in a non-uniform field which falls off along the radius in accordance with a parabolic law. This type of field is of great practical importance since it is obtained in a magnet with circular pole-pieces and plane-parallel gap. An expression is derived for the resolving power of an omegatron working in such a field and it is shown that there is no point in increasing the degree of non-uniformity above 3 or 4% since even though the resolving power increases, the intensity decreases very strongly. Moreover, experiments showed that the accuracy in the case of a highly nonuniform field is not very high. The present authors have used a permanent magnet having a weight of 2.9 kg and a gap of 29 mm. The degree of non-uniformity was 6.5%. A typical spectrum obtained is shown in

Card 1/2

S/120/60/000/005/023/051
E032/E514

An Omegatron with a Nonuniform Magnetic Field

Fig.4. In this way the omegatron can be converted to a portable instrument suitable for gas analysis in the region of low mass numbers. There are 4 figures and 4 references: 2 Soviet, 1 German and 1 English.

SUBMITTED: July 31, 1959

Card 2/2

Udovichenko, Yu.K.

246700

32994

S/120/00/000/03/029/055
E140/E563

AUTHORS: Leont'ev, N.I., Udovichenko, Yu.K. and Kuril'nikov, S.V.

TITLE: Omegatron with Panoramic Observation

PERIODICAL: Pribory i tekhnika eksperimenta, 1960, No 3,
pp 100-103

ABSTRACT: A mass analyser for low masses using a CRT indicator is described. It employs a light-weight magnet (2.9 kg) with inhomogeneous field. The magnet is similar to one employed in a common magnetron type, omitting openings in the pole faces. The field intensity at the center of the gap is 2000 Oe., maximum inhomogeneity in the working region of the analyser 3.5%. The ion source and analyser is a chamber composed of thin sheets of tantalum previously described in *Ref 5. The working bands of the oscillator are 86 - 121, 112- 360 and 560 - 2000 kcs, corresponding to masses 36 - 25, 27 - 8, 5 - 2. The carrier is frequency-modulated up to 25%, with slow sawtooth waveform 2, 4, 7, 15 and 30 sec. The spectrum of neon 20 and 22 obtained by the instrument is given in Card 1/2 Fig 4. The peak at 18 is due to water vapour in the

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*Leont'ev, N.I., Udovichenko, Yu.K., Pribory i tekhnika eksperimenta, 1959, Nr. 1, pp. 101-105

81994

S/120/60/000/03/029/055
E140/E563

Omegatron with Panoramic Observation

instrument. It is stated that the precision of the instrument is not less than 5% (precision of what not stated).

There are 4 figures and 6 references, 2 of which are Soviet and 4 English.

SUBMITTED: April 16, 1959

41

Card 2/2

S/120/60/000/005/004/051
E032/E314

AUTHORS: Leont'yev, N.I. and Udovichenko, Yu.K.

TITLE: Indication of the Resonance Absorption of Energy
in the Omegatron

PERIODICAL: Pribory i tekhnika eksperimenta, 1960, No. 5,
p. 100

TEXT: Usually, the appearance of resonance in the omegatron is determined from the position of the maximum of the ion current at the ion detector. A simpler method is to record the resonance from the position of the maximum of absorbed high-frequency energy. In this method the ion detector is unnecessary and the DC amplifier can be replaced by a low-frequency amplifier. The present authors have used this method with the omegatron described by them in Ref. 4. Experiments showed that the amplitude of the signal depends strongly on the gas under investigation. For different ion masses there are different optimum values for the pressure at which the signal amplitudes are a maximum. Thus, for H_1^+ the optimum pressure is 7×10^{-4} mm Hg, while for H_2^+ the pressure is

Card 1/2

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S/120/60/000/005/024/051
E032/E314

Indication of the Resonance Absorption of Energy in the
Omeatron

7×10^{-5} mm Hg and for He^+ it is 4×10^{-4} mm Hg. The optimum pressure also depends on the construction and the dimensions of the chamber. This modified form of the omeatron can be used in accurate mass determinations (Ref. 5) and in magnetic field-strength measurements (Ref. 6). It is most convenient in the case of omeatrons used as leak detectors. There are 1 figure and 6 references: 4 Soviet and 2 English.

SUBMITTED: August 12, 1959

Card 2/2

LEONT'YEV, N.I.; UDOVICHENKO, Yu.K.

Additional focusing of resonance ions in an omegatron. Prib. 1
tekh. eksp. 6 no.2:129 Mr-Ap '61. (MIRA 14:9)
(Mass spectrometry--Equipment and supplies)

ACCESSION NO: AP5002234

8/20/87 165/015/001/00013/0004

TOPIC TAGS: plasma, plasma confinement, plasma heating, plasma wave absorption,
traveling wave

ABSTRACT: An experimental investigation was undertaken to test the possibility of
confining a plasma by means of a traveling electromagnetic wave as proposed by S. M.

charge. Orig. art. nos: 13 10F011285 818 2 2 544 001

00 2, 3

Card 3/3

UDOVICHENKO, Yu.N., inzh.; ISETSKIY, N.N., inzh.; LOZHKIN, G.S., inzh.

Improving plastic properties of 35KhML steel. Mashinostroenie no.1
62-63 Ja-F '64. (MIRA 17:7)

UDOVICIC, B.; GACN, J.; HASANDEDIC, N.

Infection of domestic animals with *Rickettsia burnetti* in
Bosnia and Herzegovina. I. Reservoirs of *Rickettsia burnetti* in
domestic animals. Higijena 16 no.1:18-27 '64

GAON, J.; TURLE, A.; ULOVICIC, B.

The nature of measles epidemiology in Bosnia and Hercegovina
and our experience with its control. Med. arh. 17 no.6:1-21
N.D '63.

1. Epidemioloski institut Medicinskog fakulteta u Sarajevu
(Sef: Prof. dr M. Aranicki).

UDOVICIC, Bozo, inz.

Approximation of the load daily curve. Energija Hrv 10 no.11/12:
374-378 '61

1. Institut za elektroprivredu, Zagreb, Proleterskih brigada 37.

VULETIC, Josip (Zagreb); UDOVICIC, Bozo (Zagreb)

Parallel running of transformers which do not meet necessary requirements for such a running. Pt. 1. Energija Hrv 11 no.5/6:154-161 '62.

VULETIC, Josip, inz. (Zagreb); UDOVICIC, Bozo, inz. (Zagreb)

Parallel work of the transformers that are not meeting the requirements for such work. Pt. 2. Energija Hrv 11 no.7/8: 243-250 '62.

1. Elektrotehnicki fakultet, Zagreb (for Vuletic). 2. Institut za elektroprivrednu, Zagreb, Proleterskih brigada 37 (for Udovicic).

UDOVIČIĆ, Božo, dipl. inž. (Zagreb)

Evaluation of losses in some transmission lines of the Yugoslav electric power system. Energija Hrv 13 no.5/6:142-145 '64

1. Institute of Electric Industries, Zagreb, Proleterskih brigada 37.

YERSHOV, L.D., kand.tekhn.nauk; CHERNYSHEV, G.S., inzh.; LUKASHENKO, I.A.,
inzh.; UDOVIK, L.N., inzh.; LESHCHINA, A.S., inzh.; SAS, Ye.Ya.,
inzh.. Prinimali uchastiye: BOETNIK, S.P., inzh.; EPZL'BOYM, P.L.,
inzh.; INOSOVA, N.A.. LUKASHENKO, I.A., inzh., red.

[Instructions for manufacturing three-step blocks for arched roofs
made without forms] Instruktivnye materialy po proizvodstvu
trekhatupenchatykh blokov dlia bezopalubochnykh svodchatykh
pokrytii. Kiev, Biuro tekhn.informatsii NIISK ASIA USSR, 1958.
35 p. (MIRA 12:4)

1. Akademiya budivnytstva i arkhitektury URSR. Instytut budivel'nykh
materialiv i vyrobiv.
(Building blocks) (Roofs)

VOLOSHCHENKO, M.V.; Prinimali uchastiye: UDOVIKOV, I.K.; LAGEREVA, Z.I.;
KOTSEGUB, L.V.

Hardenability of ordinary and alloyed high strength cast iron
with spheroidal graphite. Nauch. trudy Inst. lit. proizv. AN
URSR no.10:72-80 '61. (MIRA 15:6)
(Cast iron--Hardening)

S/126/63/015/002/024/033
E193/E383

AUTHORS: Lyubchenko, A.P., Sherman, D.G. and Udovikov, V.I.

TITLE: The effect of small magnesium additions on the self-diffusion of iron

PERIODICAL: Fizika metallov i metallovedeniye, v. 15, no. 2, 1963, 295 - 297

TEXT: In continuation of earlier work (A.P. Lyubchenko et al - FMM, 1962, 14, 1; 1962, 14, 6), the present authors studied the nature of self-diffusion of iron modified with additions of magnesium in quantities (0.005 - 0.02%) usually used in the fabrication of high-strength, nodular cast irons. Similar experiments were also carried out on grey and magnesium-modified cast irons. The diffusion of iron was studied at 960 - 1 200 °C. Both the radiometric and outer radiographic methods were used. Conclusions: 1) the grain-boundary diffusion predominates in Mg-bearing iron at 900 - 1 200 °C. 2) The order of magnitude of the self-diffusion coefficient of iron is not affected by Mg additions - the same applying to diffusion of Fe in Mg-modified cast iron. 3) Mg acts as a grain-refining agent and slows down the rate of grain-growth
Card 1/3

S/126/63/015/002/024/055
E193/E383

The effect of

in Fe at 960 - 1100 °C. This is demonstrated in a figure where the grain size (μ) is plotted against the annealing temperature (°C) of armco iron (top curve) and iron with 0.005, 0.14 and 0.02% Mg (lower curves, in this order); the graph has been constructed for specimens annealed for 20 hours. There are 1 figure and 1 table.

ASSOCIATION: Khar'kovskiy zavod transportnogo mashinostroyeniya
im. V. A. Malysheva (Khar'kov Transport Machinery
Works im. V.A. Malyshev)

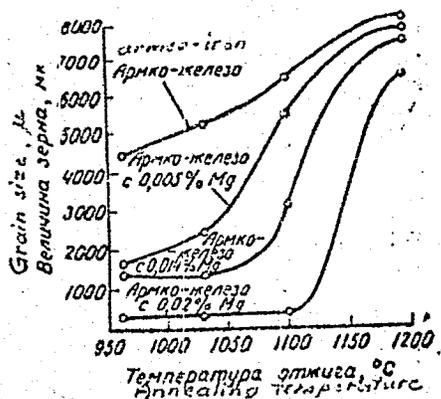
SUBMITTED: June 6, 1962 (initially)
August 9, 1962 (after revision)

Card 2/3

S/126/65/015/002/024/053
Э195/Э505

The effect of

Fig. 1:



Card 3/3

USSR / Farm Animals. Cattle

Q

Abs Jour: Ref Zhur-Biol., No 5, 1958, 21461

Author : Udovin G. M.

Inst :

Title : Asymmetry of Some Twin Organs of the Karakul Lambs
(Asimmetriya nekotorykh parnykh organov karakul'skikh yagnyat)

Orig Pub: Tr. Chkalovskogo s.-kh. in-ta, 1955, 7, 117-121

Abstract: The weighing of the internal organs of exsanguinated 2-day old male Karakul lambs revealed as asymmetry of lungs in 100% of cases, that of the thyroid gland in 87.8%, suprarenal glands in 79.5%, spermatic cords in 69.6%, kidneys in 56.2%. The difference of weight of each lung, kidney and renal gland, is apparently conditioned by the asymmetry of the corresponding sections of the vascular system. The causes of the

Card 1/2

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USSR / Farm Animals. Cattle
"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001857820004-6"

Q

Abs Jour: Ref Zhur-Biol., No 5, 1958, 21461

Abstract: unequal weight of the remaining twin organs or of two halves of the same organ continue to be unexplained.

Card 2/2

UDOVIN, G.M., prof., otv. red.; PERVUKHIN, V.Yu., dots., red.;
KHLYSTOVA, Z.S., prof., red.; DUNAYEV, P.V., dots.,
red.; KUZYAKINA, A.P., dots., red.

[Materials of the Histological Conference on the Problem
"Reactivity and Plasticity of the Epithelium and Con-
nective Tissue Under Normal Experimental and Pathological
Conditions" dedicated to the memory of Professor F.M.
Lazarenko, corresponding member of the Academy of Medical
Sciences of the U.S.S.R.] Materialy Gistologicheskoi konfe-
rentsii po probleme "reaktivnost' i plastichnost' epiteliia
i soedinitel'noi tkani v normal'nykh, eksperimental'nykh i
patologicheskikh usloviakh," posviashchennaya pamiati chlena-
korrespondenta AMN SSSR professora F.M.Lazarenko. Orenburg,
Orenburgskii sel'khoz. in-t, 1962. 165 p. (MIRA 17:8)

1. Gistologicheskaya konferentsiya po probleme "Reaktivnost'
i plastichnost' epiteliya i soyedinitel'noy tkani v normal'-
nykh, eksperimental'nykh i patologicheskikh usloviyakh,"
posvyashchennaya pamiati chlena-korrespondenta AMN SSSR pro-
fessora F.M.Lazarenko. Orenburg, 1960. 2. Orenburgskiy sel'skokho-
zyaystvennyy institut (for Udovin, Kuzyakina). 3. Orenburgskiy
meditsinskiy institut (for Khlystova, Dunayev).

BATALIN, A.Kh., dotsent; UDOVIN, G.M., prof.

Third Conference on Chemicalization of Agriculture in the
Orenburg Province. Zhur. VKHO 7 no.6:687-688 '62.
(MIRA 15:12)
(Orenburg Province--Agricultural chemistry)

BATALIN, A.Kh., prof.; BARMENKOV, Ya.P., prof., red.; UDOVIN, G.M.,
prof., red.

[Qualitative chemical analysis of inorganic substances; a
manual for students of agronomic, zootechnical, and veteri-
nary departments of agricultural institutions of higher learn-
ing] Kachestvennyi khimicheskii analiz neorganicheskikh ve-
shchestv; rukovodstvo dlia studentov agronomicheskikh, zotekh-
nicheskikh i veterinarnykh fakul'tetov sel'skokhoziaistvennykh
vysshikh uchebnykh zavedenii. Orenburg, Orenburgskii sel'khoz.
in-t, 1963. 293 p. (MIRA 17:3)

BATALIN, A.Kh., prof.; UDVIN, G.M., prof.

The fourth conference on the chemicalization of agriculture in
Orenburg Province. Zhur. V.HO 8 no.6:689-690 '63. (MIRA 17:2)

LOPUSHANSKIY, A.I.; GORBAN', A.K.; UDOVITSKAYA, V.V.

Synthesis of quaternary ammonium derivatives of L-menthol. Izv.
AN SSSR. Otd.khim.nauk no.6:1141-1142 Je '63. (MIRA 16:7)

1. Institut organicheskoy khimii imeni N.D.Zelinskogo AN SSSR.
(Menthol) (Ammonium compounds)

LOPUSHANSKIY, A.I.; GORBAN', A.K.; UDOVITSKAYA, V.V.

Synthesis of biquaternary ammonium derivatives of decamethyl-
enediamine. Izv. AN SSSR. Ser. khim. no.6:1106-1108 Je '64.
(MIRA 17:11)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.

UDOVITSKAYA, Ye.F.

GORITSKAYA, V.V.; UDOVITSKAYA, Ye.F.; SIMONENKO, E.N.; CHERNOMORDIK, A.B.

Data on intestinal parasitic fauna in children of the nursery age;
preliminary communication. Zhur.mikrobiol.epid. i immun. 27 no.12:
58-60 D '56. (MLRA 10:1)

1. Iz Dnepropetrovskogo instituta epidemiologii, mikrobiologii i
gigiyeny.

(PARASITIC DISEASES, in infant and child,
intestinal (Rus))

(GASTROINTESTINAL DISEASES, in infant and child,
parasitic (Rus))

UDOVITSKAYA, Ye.V., kandidat meditsinskikh nauk (Kiyev)

Comparative rating of therapeutic pastes in the treatment of deep
caries in children. Probl. stom. 3:69-73 '56 (MLRA 10:5)
(TEETH--DISEASES)

UDOVITSKAYA, Ye.V., kandidat meditsinskikh nauk (Kiyev)

Reaction of the pulp to different drugs. Probl. stom. 3:121-126 '56

(MLRA 10:5)

(TEETH)

UDOVITSKAYA, Ye. V.

Udovitskaya, Ye. V. -- "The Treatment of Deep Caries in Children." Kiev Order of Labor Red Banner Medical Inst imeni Academician A. A. Bogomolets. Kiev, 1956. (Dissertation For the Degree of Candidate in Medical Sciences).

So; Knizhnaya Letopis', No. 11, 1956, pp 103-111

УДОВИТСКАЯ, Л.В.

NOVIK, I.O., prof.; UDOVITSKAYA, Ye.V.; LEVITSKAYA, Ye.V.

Use of gallascorbin in treating hypertrophic gingivitis. Vrach.
delo no.10:1095 0 '57. (MIRA 10:12)

1. Kafedra terapevticheskoy stomatologii (zav. - prof. I.O.Novik)
Kiyevskogo meditsinskogo instituta.
(GUMS--DISEASES) (GALLIC ACID) (ASCORBIC ACID)

NOVIK, I.O., prof. (Kiyev); UDOVITSKAYA, Ye.V., kand.med.nauk (Kiyev);
LEVITSKAYA, Ye.V., assistant (Kiyev)

Treatment of hypertrophic gingivitis. Probl.stom. 4:283-288
'58. (MIRA 13:6)

(GUMS--DISEASES)

EPEL'BEYM, Z.M.; UDOVITSKAYA, Ye.V.

Electrodiagnosis in the stomatological clinic. Vrach.delo no.8:869-871
Ag '59. (MIRA 12:12)

1. Kafedra terapevticheskoy stomatologii (zav. - prof. I.O. Novik)
Kiyevskogo meditsinskogo instituta.
(ELECTRODIAGNOSIS) (STOMATOLOGY)

UDOVITSKAYA, Ye.V.; KODOLA, N.A.

Morphological changes in the periodontium following extirpation of
the upper cervical sympathetic ganglion. Probl. stom. 5:22-27 '60.
(MIRA 15:2)

1. Kiyevskiy meditsinskiy institut.
(NERVOUS SYSTEM, SYMPATHETIC SURGERY)
(GUMS DISEASES)

UDOVITSKAYA, Ye.V.

Third conference of stomatologists of the Ukrainian S.S.R. Stomatologia
39 no.1:75-77 Ja-F '60. (MIRA 14:11)
(UKRAINE--STOMATOLOGY--CONGRESSES)

KODOLA, N.A.; UDOVITSKAYA, Ye.V.

Biochemical changes in the solid dental tissues and maxillary bones following extirpation of the upper cervical sympathetic ganglion in dogs. Probl. stom. 5:127-133 '60. (MIRA 15:2)

1. Kiyevskiy meditsinskiy institut.
(NERVOUS SYSTEM, SYMPATHETIC SURGERY)
(JAWS) (TEETH)

KODOLA, Nikolay Avramovich; UDOVITSKAYA, Yelena Vasil'yevna;
DANELEVSKIY, M.F., red.; ZAPOL'SKAYA, L.A., tekhn. red.

[Clinical aspect, diagnosis and treatment of caries]Klinika,
diagnostika i lechenie kariesa.. Kiev, Gosmedizdat USSR, 1962.
225 p. (MIRA 16:3)

(TEETH--DISEASES)

NOVIK, I.O. (Kiyev); LEVITSKAYA, Ye.V. (Kiyev); UDOVITSKAYA, Ye.V.
(Kiyev)

Use of diathermocoagulation in the treatment of hypertrophic
gingivitis in paradentosis. Probl.stom. 6:99-102 '62. (MIRA 16:3)

(GUMS—DISEASES)

(ELECTROSURGERY)

UDOVITSKAYA, Ye.V. (Kiyev)

Changes in the dental pulp in dogs following extirpation of
the superior cervical ganglion. Probl.stom. 6:138-142 '62. (MIRA 16:3)

(DOGS--PHYSIOLOGY) (NERVES, SPINAL--SURGERY)
(TEETH)

UDOVITSKIY, S.; SHEMETS, A.; LILOV, A. (Chernovtsy); KLINKOV, I. (Serpukhov Moskovskoy obl.); TERTYCHNYI, F. (Makeyevka Donetskoy obl.); BOROD'KO, I. (Vorkuta, Komi ASSR); BAZUKIN, P. (Novokuznetsk, Kemerovskoy obl.)

From the editor's mail. Sov. profsoyuzy 20 no.2:32-33 Ja'64.
(MIRA 17:2)

1. Zaveduyushchiy yuridicheskim sektorom Ukrainskogo respublikanskogo soveta professional'nykh soyuzov, Kiyev (for Udovitskiy). 2. Konsul'tant yuridicheskogo sektora Ukrainskogo respublikanskogo soveta professional'nykh soyuzov, Kiyev (for Shemets). 3. Neshtatnyy korrespondent zhurnala "Sovetskiye profsoyuzy" (for Borod'ko).

UDOVITSKIY, V.I.

Utilization of scrap nickel. Leg.prom. 17 no.3:54 Mr '57. (MLRA 10:4)
(Nickel plating)

UDOVKINA, N.G.

Formation of eclogite in ultrabasic rocks in the Marun-Keu Range.
Trudy IGEM no.32:5-18 '59. (MIRA 13:8)
(Marun-Keu Range--Eclogites)

UDOVKINA, N.G.

"Karanthin"-type amphiboles from eclogites and quartz-muscovite
veins in the southern part of the Marun-Koy Ridge (artic Urals).
Trudy IGEM no.77:292-306 '62. (MIRA 16:2)
(Ural Mountains--Amphibole)

L 06183-67 EWT(1) GW

ACC NR: AP6011683 SOURCE CODE: UR/0011/66/000/004/0148/0155

AUTHOR: Lebedev, A.P.; Udovkina, N. G.; Frolova, T. I.

28

26

B

ORG: none

TITLE: Questions of magmatism and tectonics at the Ural session of the Scientific Council on Complex Investigations of the Earth's Crust and Upper Mantle

SOURCE: AN SSSR. Izvestiya. Seriya geologicheskaya, no. 4, 1966, 148-155

TOPIC TAGS: magmatism, tectonics, earth crust, upper mantle, deep drilling, deep geologic structure

ABSTRACT: Brief resumes are given of the papers read at the scientific conference of the Scientific Council on Complex Investigations of the Earth's Crust and Upper Mantle of the Earth Sciences Division, Academy of Sciences, USSR, held in Sverdlovsk from 30 November through 3 December 1965. The conference papers, which dealt chiefly with geologic and geophysical investigations in the Ural region, were broken down into 3 groups: 1) general question (structure of the Earth's crust and upper mantle, physical properties of rocks, and investigation methods, 2) major features of the deep-seated structure of the Urals and adjacent

Card 1/2

UDC: 006.351.241+551.15:552.112+551.24(234.850)

L 06183-07

ACC NR: AP6011683

2

regions on the basis of geologic and geophysical data, and 3) hydro-geochemical characteristics of deep waters in connection with the deep structure of the Urals. Individual papers discuss seismic^{wave} propagation in various geologic formations, the tectonosphere, findings of the "Vityaz'" expedition to the Indian Ocean, subcrustal faults, deep drilling, gravimetry studies, etc. Plans for the period 1966--1970 are outlined.

SUB CODE: 08/ SUBM DATE: 00/ ORIG REF: 000/ OTH REF: 000

Card 2/2 *pld*

UDOVKINA, N. S., MORKOVKINA, V. F. and SYRIN, N. A.

"Eclogites of the Urals."

A paper presented on 28 April, The Activity of the Moscow Society of Naturalists, Byulleten' Moskovskogo Obshchestva Ispytateley Prirody
Vol LX.

No. 6, Moscow, Nov-Dec 1955, pp 80-90, Geology Section
Source: U-9235, 29 Nov 1956

UDOVYDCHENKO, I., polkovnik

Rifle company in the attack. Voen. vest 39 no.5:49-55 My '59.
(MIRA 12:10)

(Infantry drill and tactics)

VILENTS', L., inzh.; UDOVYTSYA, N., mekhanik

New clay mill for making roofing tiles. Sil'. bud. 7 no.7:
6-7 J1 '57. (MIRA 12:11)
(Ukraine--Clay industries--Equipment and supplies)

ALKHAZOV, D. G.; GANGRSKIY, Yu. P.; LEMBERG, I. Kh.; UDRALOV, Yu. I.

Energy resolution of silicon p-n detectors in the recording
of heavy ions. Izv. AN SSSR. Ser. fiz. 16 no.12:1506-1507
D '62. (MIRA 16:1)

(Nuclear counters—Design and construction)
(Ions)

S/056/62/043/006/003/067
B163/B186

AUTHORS: Afonin, O. F., Gangrskiy, Yu. P., Lemberg, I. Kh.,
Nabichvrishvili, V. A., Udralov, Yu. I.

TITLE: Investigation of Coulomb excitation of the first Mo⁹² level

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 43,
no. 6(12), 1962, 1995 - 1997 .

TEXT: The Coulomb excitation cross section of Mo⁹², which is an even-even nucleus with a closed neutron shell (N = 50), is so small that direct observation of the Coulomb excitation by recording the γ spectrum is impeded by the background γ radiation from nuclear reactions with light impurity atoms such as C and O. To reduce this background, coincidences were counted of inelastically scattered bombarding particles and γ quanta emitted in the decay of the first excited state. A metallic target enriched with the Mo⁹² isotope to more than 5 times its natural content was bombarded with N¹⁴ ions accelerated to 40 Mev in the FTI AN SSSR cyclotron. The scattered ions were recorded by means of 4 silicon pn-detectors with Card 1/2

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a total surface of 100 mm². More details of the experimental procedure were given in an earlier paper (O. F. Afonin et al., ZhETF 43, 1604, 1962). The first level 2⁺ of Mo⁹² is at 1.52±0.03 Mev. The reduced transition probability B(E2) is found to be (0.19±0.08) e².10⁻⁴⁸ cm⁴ by comparison with the γ yield of the decay of the first excited level of Mo⁹⁸ at 0.78 Mev, which is well observable in the direct γ spectrum as well as in the γ -N coincidence spectrum. There are 2 figures. ✓

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Card 2/2

REKHAZOV, D. G.; VASIL'YEV, V. D.; GANGRSKIY, Yu. P.; LEMBERG, I. Kh.; UDRALOV, Yu. I.

"Double Coulomb-Excitation of 4 Levels in the Isotopes Ge, Se and Cd."

report submitted for All-Union Conf on Nuclear Spectroscopy, Tbilisi, 14-22
Feb 64.

FTI (Physico Technical Inst)